

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/731,242ACRF Processing Date: 6/12/2001
Edited by: [Signature]
Verified by: [Signature] (STIC staff)**ENTERED****RECEIVED**

JUN 21 2001

TECH CENTER 1600/29

☐ Edited a format error in the Current Application Data section, specifically:☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____☐ Added the mandatory heading and subheadings for "Current Application Data".☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.☐ Inserted colons after headings/subheadings. Headings edited included: _____☐ Deleted extra, invalid, headings used by an applicant, specifically: _____☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____☐ Inserted mandatory headings, specifically: _____☐ Corrected an obvious error in the response, specifically: _____☐ Edited identifiers where upper case is used but lower case is required, or vice versa.☐ Corrected an error in the Number of Sequences field, specifically: _____☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____☒ Other: globally corrected spelling of "Artificial"

RAW SEQUENCE LISTING

DATE: 06/12/2001

PATENT APPLICATION: US/09/731,242A

TIME: 20:18:20

Input Set : A:\Pto.amc

Output Set: N:\CRF3\06122001\I731242A.raw

5 <110> APPLICANT: KRANZ, DAVID
7 WITTRUP, K. DANE
9 HOLLER, PHILLIP
13 <120> TITLE OF INVENTION: HIGH AFFINITY TCR PROTEINS AND METHODS
17 <130> FILE REFERENCE: 89-99
C--> 21 <140> CURRENT APPLICATION NUMBER: US/09/731,242A
23 <141> CURRENT FILING DATE: 2000-12-06
27 <150> PRIOR APPLICATION NUMBER: US 60/169,179
29 <151> PRIOR FILING DATE: 1999-12-06
33 <150> PRIOR APPLICATION NUMBER: US 09/009,388
35 <151> PRIOR FILING DATE: 1998-01-20
39 <160> NUMBER OF SEQ ID NOS: 53
43 <170> SOFTWARE: PatentIn version 3.0
47 <210> SEQ ID NO: 1
49 <211> LENGTH: 4
51 <212> TYPE: PRT
53 <213> ORGANISM: ARTIFICIAL SEQUENCE
57 <220> FEATURE:
59 <221> NAME/KEY: misc_feature
61 <222> LOCATION: ()..()
63 <223> OTHER INFORMATION: null peptide
69 <400> SEQUENCE: 1
71 Met Cys Met Val
72 1
74 <210> SEQ ID NO: 2
76 <211> LENGTH: 4
78 <212> TYPE: PRT
80 <213> ORGANISM: ARTIFICIAL SEQUENCE
84 <220> FEATURE:
86 <221> NAME/KEY: misc_feature
88 <222> LOCATION: ()..()
90 <223> OTHER INFORMATION: incubation peptide
96 <400> SEQUENCE: 2
98 Ser Ile Tyr Arg
99 1
101 <210> SEQ ID NO: 3
103 <211> LENGTH: 24
105 <212> TYPE: PRT
107 <213> ORGANISM: ARTIFICIAL SEQUENCE
111 <220> FEATURE:
113 <221> NAME/KEY: misc_feature
115 <222> LOCATION: ()..()
117 <223> OTHER INFORMATION: upstream primer
123 <400> SEQUENCE: 3
125 Gly Gly Cys Ala Gly Cys Cys Cys Cys Ala Thr Ala Ala Ala Cys Ala
126 1 5 10 15
128 Cys Ala Cys Ala Gly Thr Ala Thr

RAW SEQUENCE LISTING

DATE: 06/12/2001

PATENT APPLICATION: US/09/731,242A

TIME: 20:18:20

Input Set : A:\Pto.amc

Output Set: N:\CRF3\06122001\I731242A.raw

129 20
131 <210> SEQ ID NO: 4
133 <211> LENGTH: 74
135 <212> TYPE: PRT
137 <213> ORGANISM: ARTIFICIAL SEQUENCE
141 <220> FEATURE:
143 <221> NAME/KEY: misc_feature
145 <222> LOCATION: ()..()
147 <223> OTHER INFORMATION: downstream primer
153 <400> SEQUENCE: 4
155 Cys Thr Thr Thr Thr Gly Thr Gly Cys Cys Gly Gly Ala Thr Cys Cys
156 1 5 10 15
158 Ala Ala Ala Thr Gly Thr Cys Ala Gly Ser Asn Asn Ser Asn Asn Ser
159 20 25 30
161 Asn Asn Ser Asn Asn Ser Asn Asn Gly Cys Thr Cys Ala Cys Ala Gly
162 35 40 45
164 Cys Ala Cys Ala Gly Ala Ala Gly Thr Ala Cys Ala Cys Gly Gly Cys
165 50 55 60
167 Cys Gly Ala Gly Thr Cys Gly Cys Thr Cys
168 65 70
170 <210> SEQ ID NO: 5
172 <211> LENGTH: 8
174 <212> TYPE: PRT
176 <213> ORGANISM: ARTIFICIAL SEQUENCE
180 <220> FEATURE:
182 <221> NAME/KEY: misc_feature
184 <222> LOCATION: ()..()
186 <223> OTHER INFORMATION: binding peptide
192 <400> SEQUENCE: 5
194 Ser Ile Tyr Arg Tyr Tyr Gly Leu
195 1 5
197 <210> SEQ ID NO: 6
199 <211> LENGTH: 8
201 <212> TYPE: PRT
203 <213> ORGANISM: ARTIFICIAL SEQUENCE
207 <220> FEATURE:
209 <221> NAME/KEY: misc_feature
211 <222> LOCATION: ()..()
213 <223> OTHER INFORMATION: screening peptide
219 <400> SEQUENCE: 6
221 Glu Gln Tyr Lys Phe Tyr Ser Val
222 1 5
224 <210> SEQ ID NO: 7
226 <211> LENGTH: 7
228 <212> TYPE: PRT
230 <213> ORGANISM: ARTIFICIAL SEQUENCE
234 <220> FEATURE:
236 <221> NAME/KEY: misc_feature
238 <222> LOCATION: ()..()

RAW SEQUENCE LISTING

DATE: 06/12/2001

PATENT APPLICATION: US/09/731,242A

TIME: 20:18:20

Input Set : A:\Pto.amc

Output Set: N:\CRF3\06122001\I731242A.raw

240 <223> OTHER INFORMATION: CDR3alpha sequence

246 <400> SEQUENCE: 7

248 Ser Gly Phe Ala Ser Ala Leu

249 1 5

251 <210> SEQ ID NO: 8

253 <211> LENGTH: 7

255 <212> TYPE: PRT

257 <213> ORGANISM: ARTIFICIAL SEQUENCE

261 <220> FEATURE:

263 <221> NAME/KEY: misc_feature

265 <222> LOCATION: ()..()

267 <223> OTHER INFORMATION: CDR3alpha sequence

273 <400> SEQUENCE: 8

275 Ser Ser Tyr Gly Asn Tyr Leu

276 1 5

278 <210> SEQ ID NO: 9

280 <211> LENGTH: 7

282 <212> TYPE: PRT

284 <213> ORGANISM: ARTIFICIAL SEQUENCE

288 <220> FEATURE:

290 <221> NAME/KEY: misc_feature

292 <222> LOCATION: ()..()

294 <223> OTHER INFORMATION: CDR3alpha sequence

300 <400> SEQUENCE: 9

302 Ser Arg Arg Gly His Ala Leu

303 1 5

305 <210> SEQ ID NO: 10

307 <211> LENGTH: 7

309 <212> TYPE: PRT

311 <213> ORGANISM: ARTIFICIAL SEQUENCE

315 <220> FEATURE:

317 <221> NAME/KEY: misc_feature

319 <222> LOCATION: ()..()

321 <223> OTHER INFORMATION: CDR3alpha sequence

327 <400> SEQUENCE: 10

329 Ser Ser Arg Gly Thr Ala Leu

330 1 5

332 <210> SEQ ID NO: 11

334 <211> LENGTH: 7

336 <212> TYPE: PRT

338 <213> ORGANISM: ARTIFICIAL SEQUENCE

342 <220> FEATURE:

344 <221> NAME/KEY: misc_feature

346 <222> LOCATION: ()..()

348 <223> OTHER INFORMATION: CDR3alpha sequence

354 <400> SEQUENCE: 11

356 Ser His Phe Gly Thr Arg Leu

357 1 5

359 <210> SEQ ID NO: 12

RAW SEQUENCE LISTING

DATE: 06/12/2001

PATENT APPLICATION: US/09/731,242A

TIME: 20:18:20

Input Set : A:\Pto.amc

Output Set: N:\CRF3\06122001\I731242A.raw

361 <211> LENGTH: 7
363 <212> TYPE: PRT
365 <213> ORGANISM: ARTIFICIAL SEQUENCE
369 <220> FEATURE:
371 <221> NAME/KEY: misc_feature
373 <222> LOCATION: ()..()
375 <223> OTHER INFORMATION: CDR3alpha sequence
381 <400> SEQUENCE: 12
383 Ser Met Phe Gly Thr Arg Leu
384 1 5
386 <210> SEQ ID NO: 13
388 <211> LENGTH: 7
390 <212> TYPE: PRT
392 <213> ORGANISM: ARTIFICIAL SEQUENCE
396 <220> FEATURE:
398 <221> NAME/KEY: misc_feature
400 <222> LOCATION: ()..()
402 <223> OTHER INFORMATION: CDR3alpha sequence
408 <400> SEQUENCE: 13
410 Ser His Gln Gly Arg Tyr Leu
411 1 5
413 <210> SEQ ID NO: 14
415 <211> LENGTH: 7
417 <212> TYPE: PRT
419 <213> ORGANISM: ARTIFICIAL SEQUENCE
423 <220> FEATURE:
425 <221> NAME/KEY: misc_feature
427 <222> LOCATION: ()..()
429 <223> OTHER INFORMATION: CDR3alpha sequence
435 <400> SEQUENCE: 14
437 Ser Tyr Leu Gly Leu Arg Leu
438 1 5
440 <210> SEQ ID NO: 15
442 <211> LENGTH: 7
444 <212> TYPE: PRT
446 <213> ORGANISM: ARTIFICIAL SEQUENCE
450 <220> FEATURE:
452 <221> NAME/KEY: misc_feature
454 <222> LOCATION: ()..()
456 <223> OTHER INFORMATION: CDR3alpha sequence
462 <400> SEQUENCE: 15
464 Ser Lys His Gly Ile His Leu
465 1 5
467 <210> SEQ ID NO: 16
469 <211> LENGTH: 7
471 <212> TYPE: PRT
473 <213> ORGANISM: ARTIFICIAL SEQUENCE
477 <220> FEATURE:
479 <221> NAME/KEY: misc_feature

RAW SEQUENCE LISTING

DATE: 06/12/2001

PATENT APPLICATION: US/09/731,242A

TIME: 20:18:20

Input Set : A:\Pto.amc

Output Set: N:\CRF3\06122001\I731242A.raw

481 <222> LOCATION: ()..()
483 <223> OTHER INFORMATION: CDR3alpha sequence
489 <400> SEQUENCE: 16
491 Ser Leu Thr Gly Arg Tyr Leu
492 1 5
494 <210> SEQ ID NO: 17
496 <211> LENGTH: 7
498 <212> TYPE: PRT
500 <213> ORGANISM: ARTIFICIAL SEQUENCE
504 <220> FEATURE:
506 <221> NAME/KEY: misc_feature
508 <222> LOCATION: ()..()
510 <223> OTHER INFORMATION: CDR3alpha sequence
516 <400> SEQUENCE: 17
518 Ser Leu Pro Pro Pro Leu Leu
519 1 5
521 <210> SEQ ID NO: 18
523 <211> LENGTH: 7
525 <212> TYPE: PRT
527 <213> ORGANISM: ARTIFICIAL SEQUENCE
531 <220> FEATURE:
533 <221> NAME/KEY: misc_feature
535 <222> LOCATION: ()..()
537 <223> OTHER INFORMATION: CDR3alpha sequence
543 <400> SEQUENCE: 18
545 Ser Ile Pro Thr Pro Ser Leu
546 1 5
548 <210> SEQ ID NO: 19
550 <211> LENGTH: 7
552 <212> TYPE: PRT
554 <213> ORGANISM: ARTIFICIAL SEQUENCE
558 <220> FEATURE:
560 <221> NAME/KEY: misc_feature
562 <222> LOCATION: ()..()
564 <223> OTHER INFORMATION: CDR3alpha sequence
570 <400> SEQUENCE: 19
572 Ser Asn Pro Pro Pro Leu Leu
573 1 5
575 <210> SEQ ID NO: 20
577 <211> LENGTH: 7
579 <212> TYPE: PRT
581 <213> ORGANISM: ARTIFICIAL SEQUENCE
585 <220> FEATURE:
587 <221> NAME/KEY: misc_feature
589 <222> LOCATION: ()..()
591 <223> OTHER INFORMATION: CDR3alpha sequence
597 <400> SEQUENCE: 20
599 Ser Asp Pro Pro Pro Leu Leu
600 1 5

VERIFICATION SUMMARY

PATENT APPLICATION: **US/09/731,242A**

DATE: 06/12/2001

TIME: 20:18:21

Input Set : **A:\Pto.amc**

Output Set: **N:\CRF3\06122001\I731242A.raw**

L:21 M:270 C: Current Application Number differs, Replaced Current Application Number